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Date: July 1, 2002

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(Use several sheets if necessary)			APPLICANT(S) Masao MURADE							
			FILING DATE August 1, 2000							
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL	DOCUMENT NUMBER	r	DATE	NAME		CLASS	SUB CLASS			
PLA	5,784,132	07/2	21/1998 HASHIMOTO							
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	DOCUMENT NUMBER	DOCUMENT NUMBER DATE COUNTRY CLASS								
8RA	JP A 5-257164	10/0	0/08/1993 Japan							
SK A SKA	JP A 8-122768	05/1	05/17/1996 Japan							
RRA	WO00/39634	07/0	07/06/2000 WIPO							
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